

**GSMEKRRWKKNFIAVSAANRFKKISSGALDYDIPPTAS  
ENLYFQGELAIPTTENLYFQSGELDYKDHDGDYKDHDID  
YKDDDDKCTCCIAQDKNISSRTVKLSAYINSNTRGVMEG  
RGSLLTCGDVEENP**

**CBP**                    **2 x Tev**                    **3 x Flag**

**Supplementary Figure S1. Amino acid sequence of the FTAP2 tag.** The FTAP2 tag contains the 3x FLAG peptide sequence, 2x TEV protease cleavage sites and the calmodulin binding peptide (CBP).